

ABSTRACT OF THE DISCLOSURE

An enhanced electrical power generating system. In a described
5 embodiment, an electrical power generating system for use in a subterranean
well includes a flow passage formed through a tubular string in the well, a flow
region in communication with, and laterally offset relative to, the flow passage,
an electrical power generator operative in response to flow of fluid through the
flow region and multiple flow restrictors in the flow passage. The flow restrictors
10 are operative to influence at least a portion of the fluid to flow from the flow
passage through the flow region.